

Discrete Mathematics
Volume 283, Numbers 1–3, 6 June 2004

Contents

Contributions

<i>J. Bang-Jensen</i> The structure of strong arc-locally semicomplete digraphs	1
<i>G. Barequet</i> The on-line Heilbronn's triangle problem	7
<i>D.R. Berman, S.C. McLaurin and D.D. Smith</i> Ranking whist players	15
<i>B. Bogstad and L.J. Cowen</i> The distinguishing number of the hypercube	29
<i>A.P. Burger and J.H. van Vuuren</i> Ramsey numbers in complete balanced multipartite graphs. Part I: Set numbers	37
<i>A.P. Burger and J.H. van Vuuren</i> Ramsey numbers in complete balanced multipartite graphs. Part II: Size numbers	45
<i>An Chang, F. Tian and A. Yu</i> On the index of bicyclic graphs with perfect matchings	51
<i>A. Di Nola and R. Grigolia</i> Pro-finite MV-spaces	61
<i>R.W. Fitzgerald and J.L. Yucas</i> Pencils of quadratic forms over finite fields	71
<i>M. Grech and A. Kisielewicz</i> Direct product of automorphism groups of colored graphs	81
<i>R. Haas and T.B. Wexler</i> Signed domination numbers of a graph and its complement	87
<i>G. Hahn, P. Ille and R.E. Woodrow</i> Absorbing sets in arc-coloured tournaments	93
<i>A. Hajdu and L. Hajdu</i> Approximating the Euclidean distance using non-periodic neighbourhood sequences	101
<i>A. Hellwig and L. Volkmann</i> Sufficient conditions for λ' -optimality in graphs of diameter 2	113

<i>M. Hosseini Dolama, Éric Sopena and X. Zhu</i> Incidence coloring of k -degenerated graphs	121
<i>M. Kano, G.Y. Katona and Z. Király</i> Packing paths of length at least two	129
<i>D. Kuo and J.-H. Yan</i> On $L(2, 1)$ -labelings of Cartesian products of paths and cycles	137
<i>R. Li</i> Hamiltonicity of 2-connected quasi-claw-free graphs	145
<i>V. Lozin and D. Rautenbach</i> Chordal bipartite graphs of bounded tree- and clique-width	151
<i>N. Martin</i> Unbalanced star-factorisations of complete bipartite graphs	159
<i>K. Pióro</i> On some graph problem in the theory of partial algebras—Part I	167
<i>K. Pióro</i> On some graph problem in the theory of partial algebras—Part II	189
<i>L.A. Sanchis</i> Relating the size of a connected graph to its total and restricted domination numbers	205
<i>L. Volkmann and S. Winzen</i> Cycles through a given arc and certain partite sets in almost regular multipartite tournaments	217
<i>L. Wang, X. Li and C. Hoede</i> Integral complete r -partite graphs	231
Notes	
<i>W.D. Gao and X. Jin</i> Weighted sums in finite cyclic groups	243
<i>M. Gionfriddo, L. Milazzo, A. Rosa and V. Voloshin</i> Bicolouring Steiner systems $S(2, 4, v)$	249
<i>T.A. Gulliver and P.R.J. Östergård</i> Binary optimal linear rate $1/2$ codes	255
<i>R. Häggkvist and R. Johansson</i> A note on edge-decompositions of planar graphs	263
<i>K.E. Mellinger</i> Classical mixed partitions	267

<i>P. Šparl and J. Žerovnik</i> Homomorphisms of hexagonal graphs to odd cycles	273
<i>D. Stevanović</i> Bipartite density of cubic graphs: the case of equality	279
<i>J. Wang and B. Du</i> $K_{p,q}$ -factorization of the complete bipartite graph $K_{m,n}$	283
<i>L. Zhang and B. Wu</i> Edge choosability of planar graphs without small cycles	289
Author index to volume 283	295
Guide for authors	297



This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>
